
North America's Leader in Hazardous Material Information Management
1905 Aston Avenue, Carlsbad, CA 92008
Phone (800) 451-8346 Fax (760) 602-8888

MSDS PRODUCT INFORMATION

Date: 10/07/2005
To: MSDS Requester
From: 3E Company
Subject: The MSDS you have requested

☐ MSDS NOT REQUIRED

In response to your request for a Material Safety Data Sheet, according to the OSHA Hazard Communication Standard (Right-to-Know), the following item is an article. Articles are defined in 29 CFR 1910.1200(c). Products such as Drugs, cosmetics, food, or alcoholic beverages, wood or wood products, and tobacco or tobacco products, as defined in 29 CFR 1910.1200(b)(6), are exempt from the Hazard Communication Standard. Items that are considered articles, as defined in 29 CFR 1910.1200(c), are also exempt from this Standard. Therefore, the manufacturer is not required to provide an MSDS for this product.

☒ MSDS DISCONTINUED PRODUCT

In response to your request for a Material Safety Data Sheet, the manufacturer has discontinued the product listed below. The MSDS Attached is the most current version, or an MSDS is no longer available.

☐ MSDS BEST COPY AVAILABLE

The MSDS attached is the best copy available from the manufacturer.

☒ MANUFACTURER NO LONGER IN BUSINESS

In response to your request for a Material Safety Data Sheet, a current MSDS could not be obtained for this product. It has been determined that the manufacturer listed below is no longer in business. A current address and phone number could not be located.

Manufacturer: Dexol Division of Ringer Corporation
Product Name: Dexol Vitamin B-1



3E COMPANY *North America's Leader in Hazardous Material Information Management*

1905 Aston Avenue, Carlsbad, CA 92008

Phone (800) 451-8346 Fax (760) 602-8856

Manufacturer No Longer In Business

Date: 06/25/2001

To: MSDS Requester

From: 3E Company

Subject: The MSDS you have requested

In response to your request for a Material Safety Data Sheet, a current MSDS could not be obtained for this product. It has been determined that the manufacturer listed below is no longer in business. A current address and phone number could not be located.

Manufacturer: Dexol Division of Ringer Corporation

ProductName: Dexol Vitamin B-1

MATERIAL SAFETY DATA SHEET
(Complies with OSHA CFR 1910.1200, ANSI Z 400.1-1993)

SECTION 1: Chemical Product & Company Identification

Product Name(s): Dexol Vitamin B-1

MSDS Number: 0640, 0641, 0642

Manufacturer Name & Address: Dexol, a division of Verdant Brands 9555 James Avenue S., Suite 200, Bloomington, MN 55431

Telephone Contact Number & Hours of Operation: (612) 703-3300, 8:00 a.m. - 5:00 Central Time

Emergency Telephone Contact Number: Chemtrec 1-800-424-9300

SECTION 2: Composition/Information on Ingredients

<u>Hazardous Ingredients</u> ^(*) :	% by weight	CAS No.	OSHA PEL TWA	OSHA PEL STEL	ACGIH TLV TWA	ACGIH TLV STEL
product derived from:						
Thiamine Hydrochloride (Vitamin B-1)	0.01 %	67-03-8	NE	NE	NE	NE
Iron (Fe)	0.125 %	1336-80-7	NE	NE	NE	NE
Zinc (Zn)	0.125 %	557-34-6	NE	NE	NE	NE
Manganese (Mn)	0.125 %	7785-87-7	NE	NE	NE	NE

* all ingredients in quantities > 1.0 % (0.1 % for carcinogens or teratogens) that are potentially hazardous per OSHA definitions

N/A = not applicable NE = not established

SECTION 3: Hazards Identification

EMERGENCY OVERVIEW

Physical description: clear liquid

Odor: Thiamine hydrochloride (vitamin B-1) odor

Potential Health Effects: This material may be slightly irritating to the eyes and skin. Personnel responding to a spill of this material would likely encounter no other substantial hazards.

SECTION 4: First Aid Measures

Skin Contact: Wash with plenty of soap and water. Get medical attention if irritation persists.

Ingestion: If swallowed, promptly drink large amounts of water. Never give liquids to an unconscious person. Get medical attention.

Eye Contact: Flush eyes with plenty of water. Call a physician if irritation persists.

Inhalation: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

SECTION 5: Fire Fighting Measures

Extinguishing media: CO₂, dry chemical, foam, water

Flashpoint: N/A

Hazardous products of combustion: N/A

Autoignition temperature: not applicable

NFPA Ratings: Health = 1 Fire = 1 Reactivity = 0

SECTION 6: Accidental Release Measures

Spills: Pick up liquid with Oil Dry, cat litter, clay, rags or other absorbent and place in a disposable container. (See Disposal Comments in Section 13)

SECTION 7: Handling & Storage

Storage: Store in a cool, dry place. Avoid temperatures at or below 32° F. Keep in original container and preferably in a locked storage area inaccessible to children and domestic animals. Do not store near food or foodstuffs.

SECTION 8: Exposure Controls & Personal Protective Equipment

Skin: Protective gloves recommended

Eye Protection: Recommended to avoid getting material directly into eyes

Respiratory: In typical applications no engineering controls should be needed; if industrial hygiene surveys show that occupational exposure limits may be exceeded, use NIOSH approved respirator with dust/mist cartridges

SECTION 9: Physical & Chemical Parameters

Appearance: clear liquid

Physical state: liquid

Solubility in water: complete

Vapor pressure: not determined

Boiling point: 212° F

Odor: Thiamine hydrochloride (Vitamin B-1) odor

pH: not determined

Specific Gravity: 1.00

Vapor density: not determined

SECTION 10: Stability & Reactivity

Stability: stable

Incompatibilities: none

Hazardous polymerization: will not occur

SECTION 11: Toxicological Information

Note to Consumers: Information provided in this section is oriented to medical and public health professionals involved in the assessment and treatment of excessive and/or accidental exposures.

Acute Oral LD₅₀ = 20,000 mg/kg

Carcinogens: None listed per OSHA, NTP, or IARC

SECTION 12: Ecological Information

Ecotoxicity: no data available

Environmental Fate: no data available

SECTION 13: Disposal Considerations

This material (as packaged) is not considered a hazardous waste. Be aware that the waste owner has responsibility for final disposal. Regulations may also apply to empty containers, liners or rinsate. Laws may change or be reinterpreted; state and local regulations may be different from federal regulations. This information applies to materials as manufactured; contamination or processing may change waste characteristics and requirements.

SECTION 14: Transport Information

DOT Hazard Description: not regulated

SECTION 15: Regulatory Information

SARA Title III: not regulated

Individual States: States such as Pennsylvania, New Jersey, California, Vermont, Massachusetts and Rhode Island may all have components of this product listed; consult specific state regulatory requirements for additional information.

SECTION 16: Other Information

For additional information, refer to the American Conference of Governmental Industrial Hygienists (ACGIH) documentation of TLV's (Threshold Limit Values) for individual components and the DOT Emergency Response Guidebook.

This information is provided in good faith, but without express or implied warranty.